

ABSTRACT

An information recording device, an information recording method, and an information recording program capable of recording information with an appropriate modulation degree, a high asymmetry, and small waveform distortion. The information recording device applies a laser beam to a recording medium such as a DVD-R/RW and DVD+R/RW and forms a recording mark corresponding to a recording signal, thereby recording information. A recording pulse signal for forming the recording mark corresponding to the recording signal has a mark period for forming the recording mark and a space period not forming the recording mark. In test recording performed prior to actual information recording, a long mark recording power is kept constant while a short mark recording power is changed. Preferably, the short mark recording power in the test write is changed so that the asymmetry and/or the beta value is a value within a desired range.